

**Maxxam™ PPC-40T Nat**

PP-T40

Avient Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>11</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>23.4</b>	MPa	ASTM D 638
Elongation at Break	<b>25</b>	%	ASTM D 638
Flexural Modulus	<b>2960</b>	MPa	ASTM D 790
Flexural Strength	<b>41.4</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 70</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>27</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>220</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>129</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1230</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Mold temperature	<b>16 - 50</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Applications**

Automotive, Building Construction, General Purpose

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa